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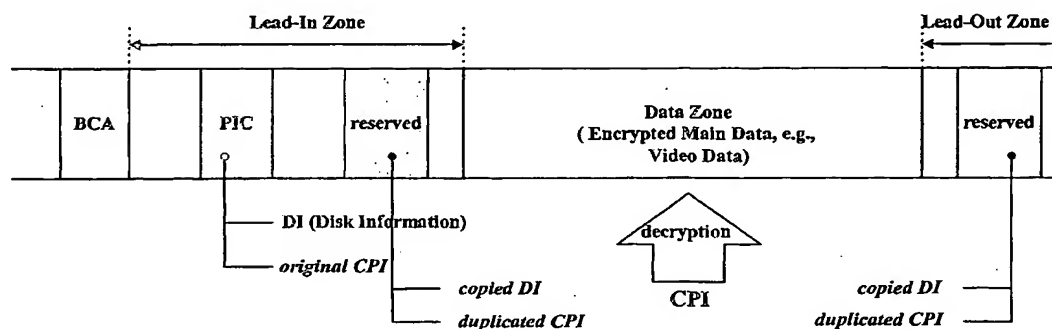
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Published:

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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF MANAGING COPY PROTECTION INFORMATION OF A RECORDING MEDIUM, RECORDING
MEDIUM WITH COPY PROTECTION INFORMATION FOR CONTENTS RECORDED THEREON, AND REPRODUCING
METHOD FOR THE RECORDING MEDIUM



(57) Abstract: The present invention relates to a method of managing CPI (Copy Protection Information) for preventing unauthorized copy of encrypted content recorded on a high-density recording medium such as a BD-ROM (Blu-ray Disc ROM). In the present method, when main content data is recorded in encrypted manner, CPI that is necessary to decrypt the encrypted main content data is written in a predetermined PIC area and is also copied at least once in an area other than the PIC area.

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P04502DP	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/KR2004/000113	International filing date (<i>day/month/year</i>) 24 JANUARY 2004 (24.01.2004)	(Earliest) Priority Date (<i>day/month/year</i>) 24 JANUARY 2003 (24.01.2003)
Applicant LG Electronics Inc. et al		

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 2 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II)

3. ☐ Unity of invention is lacking (See Box No. III)

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 5

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

- b. ☐ none of the figure is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/000113

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G11B 20/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B 20/10 G11B 20/12 G11B 7/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

"encrypt*", "decrypt*", "scramble", "key", "copy protect"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,289,102 B1 (MATSUSHITA) 11 SEP 2001 See the whole document	1-18
A	US 6,031,815 A (U.S. PHILIPS) 29 FEB 2000 See the whole document	1-18
A	EP 0936610 A2 (SONY) 18 AUG 1999 See the whole document	1-18
A	US 2001/0036132 A1 (SONY) 01 NOV 2001 See the whole document	1-18

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"Z" document member of the same patent family

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